=>

Uploading C:\Program Files\Stnexp\Queries\10789281a.str

chain nodes :

12 13 20 21 22

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 14 15 16 17 18 19

chain bonds :

1-6 4-12 9-22 12-13 13-14 18-20 20-21

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 14-15 14-19 15-16

16-17

17-18 18-19

exact/norm bonds :

1-5 4-5 12-13 13-14

exact bonds :

1-2 1-6 2-3 3-4 4-12 9-22 14-15 14-19 15-16 16-17 17-18 18-19 18-20

20-21

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11

isolated ring systems : containing 1 : 6 : 14 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom

20:CLASS 21:CLASS

22:CLASS

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 14 full

FULL SEARCH INITIATED 12:57:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 636 TO ITERATE

100.0% PROCESSED 636 ITERATIONS

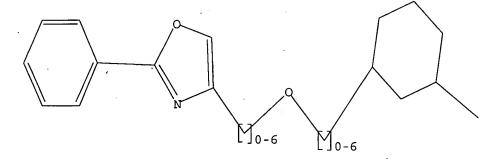
28 ANSWERS

SEARCH TIME: 00.00.01

L5 28 SEA SSS FUL L4

L10 STRUCTURE UPLOADED

=> d L10 HAS NO ANSWERS L10 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 110 full

FULL SEARCH INITIATED 13:03:38 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 517 TO ITERATE

100.0% PROCESSED 517 ITERATIONS

TERATIONS 257 ANSWERS

SEARCH TIME: 00.00.01

L11 257 SEA SSS FUL L10

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
DOCUMENT NUMBER:
1TITLE:
1NVENTOR(S):
2006:167981 CAPLUS
144:233064
Preparation of 2-phenyloxazoles as peroxisome proliferator agonist
Glombik, Heiner; Stamper, Christian; Falk, Eugen;
Keil, Stefanie; Schaefer, Hans-Ludwig; Wendler,
Volfgang; Knieps, Stephanie
Sandi-Aventis Deutschland G.m.b.H., Germany
PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
FAMILY ACC. NUM. COUNT:
FAMILY ACC. NUM. COUNT:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DATE PATENT NO. KIND APPLICATION NO.

DE 2004-102004039533 20040814 PRIORITY APPLN. INFO.: OTHER SOURCE(S): DE 2004-102004039533A 20040814 MARPAT 144:233064

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876586-77-5 CAPLUS
Propanoic acid, 2-[{(15,3R)-3-{[[2-(3,4-dimethylphenyl)-5-ethyl-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAMR)

Absolute stereochemistry.

876586-78-6 CAPLUS
Propanoic acid, 2-[[(15,3R)-3-[[[2-[4-(1,1-dimethylethyl)phenyl]-5-ethyl-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9Cl) (CA INDEX NAME)

Absolute stereochemistry.

876586-79-7 CAPLUS
Propanoic acid, 2-methyl-2-[[(15,3R]-3-[[[5-{1-methylethyl}]-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-(SCI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

Title compds. I [R = H, CF3 Rl = H, CF3, alkyl, etc.; R2 = H, alkyl, alkoys, etc.; R3 = alkyl, R4 = alkyl, benzyl; R5 = H, alkyl; and their pharmaceutically acceptable salts were prepared For example, TFA mediated deprotection of t-Bu ester II (R5 = t-Bu) afforded carboxylic acid II (R5 = H). In PPARy receptor binding assays, compds. I exhibited ECSO values ranging from 0.0016-0.3813 µH.

876586-74-27 876586-75-59 876586-76-4P
876586-70-09 876586-81-1P 876586-82-2P
876586-80-09 876586-81-1P 876586-80-2-2P
876586-88-89 876586-89-99 876586-80-2P
876586-89-19 876586-90-2P
876586-89-19 876586-90-2P
876586-90-19 B 876586-90-2P
876586-90-2P 876586-90-2P

(Uses)
(preparation of 2-phenyloxazoles as peroxisome proliferator agonist)
876586-74-2 CAPLUS
Propanoic acid, 2-[[(15,3R)-3-[[[5-ethyl-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyljmethoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-75-3 CAPLUS
Propanoic acid, 2-[[[15,3R)-3-[[[5-ethyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-76-4 CAPLUS
Propanoic acid, 2-[[[15,3R]-3-[[[5-ethyl-2-[2-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- [9CI] (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

876586-80-0 CAPLUS
Propanoic acid, 2-methyl-2-[{(15,3R)-3-[[5-{1-methylethyl}-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy](9C1) (CA INDEX NAME)

Absolute stereochemistry.

876586-81-1 CAPLUS
Propanoic acid, 2-[[(15,3R)-3-[[[2-{3,4-dimethylphenyl}]-5-(1-methylethyl)-4-cwazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-82-2 CAPLUS
Propanoic acid, 2-[[(15,3R)-3-[[[2-[4-(1,1-dimethylethyl)phenyl]-5-(1-methylethyl)-4-oxazolyl)methoxy]methyl)cyclohexyl]methoxy]-2-methyl- (9CI)
(CA INDEX NAME)

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876586-83-3 CAPLUS Propanoic acid, 2-[[[15,3R]-3-[[[2-(3-methoxyphenyl]-5-(1-methylethyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-85-5 CAPLUS Propanoic acid, 2-[[(1R,3S)-3-[{[2-(3,4-dimethylphenyl)-5-(1-methylethyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-86-6 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[(2-[1,1'-biphenyl]-4-yl-5-methyl-4-oxazolyl)methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876586-91-3 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[[2-[3-{1,1-dimethylethyl)phenyl]-5-{1-methylethyl}-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876586-93-5 CAPLUS
Propanoic acid, 2-methyl-2-[{(1R,35)-3-[[[5-methyl-2-(4-phenoxyphenyl)-4-oxacolyl]methoxy]methyl]cyclohexyl]methoxy]- (GA INDEX NAME)

Absolute stereochemistry.

876586-94-6 CAPLUS
Propanoic acid, 2-{[(1R,3S)-3-[[(2-(3,4-dimethylphenyl)-5-ethyl-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876586-88-8 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

876586-89-9 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-[[[5-(1-methylethyl)-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-(9C1) (CA INDEX NAME)

Absolute stereochemistry.

$$F_3 \subset \bigvee_{P_{T-1}}^{N_{\Phi}} \bigcap_{0}^{M_{\Phi}} \bigcap_$$

876586-90-2 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[[2-[3-{2,2-dimethylpropy1)pheny1]-5-(1-methylethyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876587-02-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 2-phenyloxazoles as peroxisome proliferator agonist)
876587-02-9 CAPLUS
Propanoic acid, 2-[[(1S,3R)-3-{[[5-ethyl-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl-, 1,1-dimethylethyl
ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 2

L12 ANSWER 2 OF 10
ACCESSION NUMBER:
DOCUMENT NUMBER:
1141233062
1141233062
Preparation of 2-phenyloxazoles as peroxisome proliferator agonist
Glombik, Heiner: Stapper, Christian, Falk, Eugen, Keil, Stefanier, Schaefer, Hans-Ludwig, Wendler, Wolfgang, Knieps, Stephanie
SOURCE:
DOCUMENT TYPE:

CAPLUS COPYRIGHT 2007 ACS on STN
2006:166904 CAPLUS
141233062
Preparation of 2-phenyloxazoles as peroxisome proliferator agonist
Stapper, Christian, Falk, Eugen, Keil, Stefanier, Schaefer, Hans-Ludwig, Wendler, Wolfgang, Knieps, Stephanie
PATENT ASSIGNEE(S):
Sanofi-Aventis Deutschland G.m.b.H., Germany
PCT Int. Appl., 73 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

	PA	TENT	NO.			KIN	D					LICAT					ATE	
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	WO	200	60181	15		A1		2006	0223		WO 2	2005-	EP82	81		2	0050	730
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												EC.						
												JP,						
												, MG,						
			NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,
			SL.	SM.	SY.	TJ.	TM.	TN.	TR.	TT.	TZ.	UA,	UG.	US.	UZ.	VC.	VN.	YU.
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			GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	λZ,	BY.
			KG.	KZ,	MD.	RU.	TJ.	TH										
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			PLN.								DE 2	2004-	1020	0403	95321	٠ 2	0040	914
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L12 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876588-50-0 CAPLUS
Propanoic acid, 2-[[{1R,3S}-3-[[5-ethyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-52-2 CAPLUS
Propanoic acid, 2-[[3-{[2-(3-methoxypheny1)-5-(1-methylethyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (SCI) (CA INDEX NAME)

$$\underset{\mathsf{NeO}}{\text{MeO}} \xrightarrow{N} \underset{\mathsf{CH}_2 - \mathsf{O}}{\overset{\mathsf{H}_{\mathsf{CH}_2 - \mathsf{O}}}{\overset{\mathsf{H}_{\mathsf{C}}}{\text{Ne}}}} \operatorname{CH}_2 - \operatorname{Co}_{\mathsf{CH}_2}$$

876588-53-3 CAPLUS
Propanoic acid, 2-[[{1R,3S}-3-[[2-(3-methoxyphenyl)-5-(1-methylethyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876598-54-4 CAPLUS
Pentanoic acid, 2-[[[1R,35]-3-[[5-ethyl-2-(3-methoxyphenyl]-4-oxazolyl]methoxyjcyclohexyl]methoxy]-2-methyl- (SCI) (CA INDEX NAME)

L12 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Title compds. I [RI = H, alky], R2 = H, alkoxy, CF3; R3 = alky]; R4 = alkyl, benzyl; R5 = H, alkyl] and their pharmaceutically acceptable salts were prepared For example, TFA mediated deprotection of ester II (R5 = t-Bu) afforded acid II (R5 = t). In PFAPP, receptor binding assays, compds. I exhibited ECSO values ranging from 0.00016-0.32µM.
876588-64-64 876588-84-7-59 876588-84-65P
876588-50-0P 876588-52-2P 876588-33-37
876588-59-9P 876588-60-2P 876588-56-69
876588-59-PP 876588-60-2P 876588-61-PP
RIFAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic Use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Uses)
(preparation of 2-phenyloxazoles as peroxisome proliferator agonist)
876588-46-4 CAPLUS
Propancia cacid, 2-[(1R,3\$)-3-[(5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-47-5 CAPLUS
Propanoic acid, 2-[[[1R,3S]-3-[[5-ethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry,

876588-48-6 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[2-[4-(2,2-dimethylpropyl)phenyl]-5-ethyl-4-oxaciyl]methoxy]cyclohexyl]methoxy]-2-methyl- (SCI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN Absolute stereochemistry.

876588-55-5 CAPLUS
Pentanoic acid, 2-[[(1R,3S)-3-[{5-ethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-56-6 CAPLUS
Pentanoic acid, 2-{{(1R,3S)-3-{[2-{4-(2,2-dimethylpropyl)phenyl}-5-ethyl-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-59-9 CAPLUS
Benzenepropanoic acid, $\alpha = \{\{(1R,3S)-3-\{\{S-ethyl-2-\{3-methoxyphenyl\}-4-oxazolyl]methoxy]-yclohexyl]methoxy]-\alpha-methyl- (9CI) (CA INDEX NAME)$

L12 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

876588-60-2 CAPLUS Benzenepropanoic acid, $\alpha-[\{(1R,3S\}-3-[\{5-\text{ethyl}-2-\{4-\text{methylphenyl}\}-4-\text{cazolyl}\}\text{methoxy}]\text{cyclohexyl}\text{methoxy}]-\alpha-\text{methyl}-\{9CI\}$ (CA INDEX . . .

Absolute stereochemistry.

876588-61-3 CAPLUS Benzenepropanoic acid, $\alpha-[[(1R,3S)-3-[[2-[4-(2,2-dimeth)]-proy1)]-5-ethyl-4-oxazolyl]methoxy]-cyclohexyl]methoxyl-<math>\alpha$ -methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-68-0P 876588-74-8P 876588-77-1P
RL: RCT (Reactant): SFN (Synthetic preparation): PREP (Preparation): RACT
(Reactant or reagent)
(preparation of 2-phenyloxazoles as peroxisome proliferator agonist)
876588-68-0 CAPLUS

s/OSE8-O8-U CAPLUS
Propanoic acid, 2-[[(1R,35)-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

876588-74-8 CAPLUS
Pentanoic acid, 2-[[(1R,3S)-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

L12 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
DOCUMENT NUMBER:
11TLE:
2006:152696 CAPLUS
144:211234
Chemoenzymic process for synthesis of of cia-configured 3-hydroxycyclohexane carboxylic acid derivative enantiomers
Holla, Wolfgang; Keil, Stefanie; Tappertzhofen, Christoph
Sanofi-Aventis Deutschland GmbH, Germany
PCT Int. Appl., 77 pp.
CODEN: PIXXD2
PATENT INFORMATION:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2006015716 A2 20060216 VO 2005-EP8058 20050723

W: AE, AG, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LG, LK, LR, LS, LT, LU, LV, MA, HD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TZ, UJ, UG, US, UZ, VC, VN, VU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, CN, GG, GW, HL, MR, NE, SN, TD, TG, BW, GH, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE 102004038403 A1 20060223 DE 2004-102004038403 20040807 DE 102004038403 B4 20060831

PRIORITY APPIN. INFO:

OTHER SOURCE(S): MARPAT 144:21124

AB The invention relates to a method for producing chiral, non-racemic, cis-configured cyclohexanols or cyclohexanol derivs. by means of enzyme catalyzed kinetic resolution of racemates.

If 375328-09-9P

RL: CPS (Chemical process) PEP (Physical, engineering or chemical process); RCT (Reactant); SPN (Synthetic preparation); PREF (Preparation); PROC (Process); RACT (Reactant); SPN (Synthetic preparation); PREF (Preparation); PROC (Process); RACT (Reactant) sof of cis-configured 3-hydroxycyclohexane carboxylic acid derivative enantiomers)

N 375328-09-95 (CAPIUS

L-Valine, N-[[(IR, 35)-3-[[5-methyl-2-(4-methylphenyl)-4-caxazolyl]methoxy) cyclohexyl] carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME) PATENT NO. APPLICATION NO.

Absolute stereochemistry.

L12 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Absolute stereochemistry.

876588-77-1 CAPLUS Benzenepropanoic acid, α -[[[1R,3S]-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxyl cyclohexyl]methoxyl- α -methyl-, 1,1-dimethylethyl ester [9CI) (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

752213-23-3P 875928-10-2P 875928-11-3P 875928-24-8P RL: PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation) (chemoenzymic process for synthesis of of cis-configured 3-hydroxycyclohexane carboxylic acid derivative enantiomers) 752213-23-3 CAPLUS L-Valine, N-[([1R, 35)-3-[[5-methyl-2-(4-methylphenyl)-4-chazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

875928-10-2 CAPLUS
L-Leucine, N-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-.oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

875928-11-3 CAPLUS L-Alanine, N-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

875928-24-8 CAPLUS Cyclohexanecarboxylic acid, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (IR,3S)- (9CI) (CA INDEX NAME)

L12 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

875928-08-8P 875928-14-6P
RL: SFN (Synthetic preparation), PREP (Preparation)
(chemoensymic process for synthesis of of cis-configured
3-hydroxycyclohaxane carboxylic acid derivative enantioners)
875928-08-8 CAPLUS
Cyclohaxanecarboxylic acid, 3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]-, 1-methylethyl ester, (1R,3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

875928-14-6 CAPLUS
D-Valine, N-[{(15,38)-3-{[5-methyl-2-{4-methylphenyl}-4-oxazolyl]methoxy]cyclohexyl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) benzoic acid II. The compds. typically have lipid-and/or triglyceride-lowering properties and are suitable, for example, for the treatment of disorders of lipid metab., of type II diabetes, and of

treatment of disorders of 11p10 metal.,
syndrome X.
Syndrome X.
Solj362-35-2P 501362-38-5P 501362-39-6P
RL: PAC (Pharmacological activity): SFN (Synthetic preparation); BIOL
(Biological study): PAEP (Preparation)
(preparation of arylcycloalkyl-oxazole derivs. for pharmaceutical use)
501362-35-2 CAPLUS
Benzoic acid, 2-[[[(1R,3S)-3-[(2-(4-fluorophenyl)-4oxazolyl]methoxy]cyclohexyl]methoxy]methyl]-6-methyl-, rel- (9CI) (CA
INDRX NAME)

Relative stereochemistry.

501362-38-5 CAPLUS
Benzolc acid, 2-[2-[(1R,3R)-3-[[2-(4-fluorophenyl)-4owazolylimethoxy]cyclohexyl]ethyl]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-39-6 CAPLUS
Benzoic scid, 2-[2-[(1R,3s)-3-[[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-33-0P 501362-36-3P RL: SPN (Synthetic preparation), PREP (Preparation) (preparation of arylcyclosikyl-oxazole derivs. for pharmaceutical use) 501362-33-0 CAPLUS Benzoic acid, 2-[[[3-{[2-(4-fluorophenyl)-4-oxazolyl]methoxy]methyl]-cyclohexyl]methoxy]methyl]-6-methyl- (9CI) (CA INDEX NAME)

L12 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:1262021 CAPLUS
DOCUMENT NUMBER: 144:22913
ITITLE: Preparation of arylcycloalkyl oxazole derivatives and their use as pharmaceuticals (lombk, Heinerr Falk, Bugenn Frick, Wendelin, Keil, Stefanier Schafer, Hans-Ludwig, Schwink, Lothar)
PATENT ASSIGNEE(S): Germany

PATENT ASSIGNEE(S): CAPLUS

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ACSIGNEE HEINER COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 2005:1262021 CAPLUS
ACSIGNEE HEINER COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 2005:1262021 CAPLUS
ACSIGNEE HEINER COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 2005:1262021 CAPLUS
ACCESSION NUMBER: 2005:126202 CAPL

PATENT ASSIGNEE(S): SOURCE: Germany
U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S.
Ser. No. 631,867.
CODEN: USXXCO

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: Patent English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005267177	A1	20051201	US 2005-97345	20050404
DE 10142734	A1	20030327	DE 2001-10142734	20010831
DE 10223273	A1	20031204	DE 2002-10223273	20020524
US -2003144332	A1	20030731	US 2002-231432	20020830
US 6624185	B2	20030923		
US 2004122069	A1	20040624	US 2003-631867	20030801
US 6884812	B2	20050426		
ZA 2004001073	Α.	20040826	ZA 2004-1073	20040210
PRIORITY APPLN. INFO.:			DE 2001-10142734 A	20010831
			DE 2002-10223273 A	20020524
			US 2002-231432 A	2 20020830
			US 2003-631867 A	2 20030801

OTHER SOURCE(S): MARPAT 144:22913

The title compds. I [ring A = (C3-C8)-cycloalkyl; R1, R2, R4, R5 = H, F, Cl, Br, OH, NO2, cyano, CF3, OCF3, (C1-C6)-alkyl, O(C1-C6)-alkyl; R3 = H, (C1-C6)-alkyl; N X, = (C1-C6)-alkyl; N X, = (C1-C2)-alkyl where one C atom is replaced by O] and their physiol. acceptable salts and physiol. functional derivs. are disclosed. For example, reacting cyclopent-2-ene-1,4-diol with He 2-(bromomethyl)-6-methylbenzoate followed by hydrolysis of the ester gave

L12 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

501362-36-3 CAPLUS
Benzoic acid, 2-[[(1R,3S)-3-[[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-6-methyl-, rel- (9CI) (CA INDEX NAME)

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:740322 CAPLUS
DOCUMENT NUMBER: 111260738
TITLE: Preparation of oxazolylmethoxycyclohexanols as PPARa agonists for the treatment of type II

PYANA agonists for the treatment of type II diabetes Gretske, Dirk; Glombik, Heiner; Felk, Eugen; Goerlitzer, Jochen; Keil, Stefanie; Schaefer, Hans-Ludwig; Stapper, Christian; Wendler, Wolfgang Aventis Pharma Deutschland GmbH, Germany PCT Int. Appl., 119 pp.
CODEN: PIXXD2 INVENTOR (5):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: Patent

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

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		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG	, MK,	MN,	MW,	ΜX,	MZ,	NA,	NI		
	RW:	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SI	., SZ,	TZ,	UG,	ZM,	ZW,	AT,	BE,		
		BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI	, FR,	GB,	GR,	HU,	IE,	IT,	LU,		
		MC,	NL,	PT,	RO,	SE,	51,	SK,	TR,	BF	, BJ,	CF,	CG,	CI,	CM,	GA,	GN,		
		GO.	GW.	ML.	MR.	NE.	SN,	TD.	TG										
DI	1030	8354			A1		2004	1223		DE	2003-	1030	8354		2	0030	227		
A	2004	2156	76		A1		2004	0910		AU	2004-	2156	76		2	0040	219		
C	2516	657			A1		2004	0910		CA	2004-	2516	657		2	0040	219		
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ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

(Concinue)
(Uses)
(prepn. of oxazolylmethoxycyclohexanols as PPARa agonists for the treatment of type II diabetes)
755419-15-9 CAPUS
2,4-Thiazolidinedione, 5-[2-[(IR,3R]-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxylcyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-93-3P 755419-98-8P 755420-03-2P 755420-08-7P 755420-15-6P 755420-21-4P RL: PUR (Purification or recovery); SFN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(Uses)
(preparation of oxazolylmethoxycyclohexanols as PPAR¤ agonists for the treatment of type II diabetes)
75439-93-3 CAPLUS
2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

755419-98-8 CAPLUS 2.4-Thiazolidinedione, 5-[2-[(15,35)-3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyolohexyl]ethyl]- (9C) (CA INDEX NAME)

Absolute stereochemistry.

755420-03-2 CAPLUS 2,4-Thiazolidinedione, 5-{2-{(15,35)-3-{[5-ethyl-2-{4-(1-

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

$$\begin{array}{c} R \\ \\ N \\ \\ X - X^{1-}Y - R^{2} \\ \\ I \\ \\ CH_{2} - O \\ \\ O - CH_{2} \\ \end{array}$$

Title compds. I [R = (un)substituted Ph, annulated Ph, R1 = H, CF3, alkyl, alkowy, cycloalkyl, Ph, R2 = (un)substituted Ph, oxohetercoyclyl, X = alkanadiyl, vasalkanadiyl, X1 = cycloalkanediyl, cycloalkenediyl, cycloalkanediyl, cycloalkanediyl, oxacyclalkanediyl, cycloalkanediyl, alkenediyl, cycloalkanediyl, alkenediyll were prepared for treating and/or preventing disturbances of fatty acid metabolism, impaired glucose utilization, and disturbances in h

racty acid metabolism, impaired glucose utilization, and disturbances in insulin resistance plays a role. Thus, 2-(4-fluorophenyl)-4-iodomethyl-5-methyloxazole was treated with 1,3-cyclohexanediol, followed by 3-02NG6HGHZBr to give the title compound II which had EC50 for activation of the PFAR receptor of 91 nM. Compds. I are claimed useful for the treatment of type II diabetes. 755419-21-7P
RL: PAC (Pharmacological activity), RCT (Reactant), SPN (Synthetic preparation), THU (Therapeutic use), BIOL (Biological study), PREP (Preparation), RACT (Reactant or reagent), USES (Uses) (preparation of oxazolylmethoxycyclohexanols as PFARa agonists for the treatment of type II diabetes) 755419-21-7 CAPLUS 2,4-Thiazolidinedione, 5-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxylcyclohexyl]methoxylcyclohexyl]methoxylcyclohexyl]methoxylcyclohexyl]methoxylcyclohexyl]methoxylcyclohexyllmethoxyl

IT

Relative stereochemistry.
Double bond geometry unknown.

755419-15-9P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
methylethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

755420-08-7 CAPLUS 2.4-Thiazolidinedione, 5-[2-[{IR,3R}]-3-[[5-ethyl-2-[4-(1-methylethyl]phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

755420-15-6 CAPLUS 2,4-Thiazolidinedione, 5-[2-[(18,38)-3-[[5-methyl-2-(4-methylphenyl)-4-owazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

755420-21-4 CAPLUS 2,4-Thiazolidi nedione, 5-{2-{(IR,3R)-3-{(5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy|cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

754987-06-9 755421-77-3
RL: RCT (Reactant): RACT (Reactant or reagent)
(preparation of oxacolylmethoxycyclohexanols as PPARa agonists for the
treatment of type II diabetes)
754987-06-9 CAPLUS
Cyclohexaneacetaldehyde, 3-[[2-(3-methoxyphenyl)-5-methyl-4oxacolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755421-77-3 CAPLUS Cyclohexaneacetaldehyde, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (1R,35)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-84-6P 753459-85-7P 754986-70-4P
755421-65-9P 755421-83-1P 755422-77-6P
RL: RCT (Reactant): SPN (Synthetic preparation): PREP (Preparation): RACT (Reactant or reagent): (preparation of oxazolylmethoxycyclohexanols as PPARG agonists for the treatment of type II diabetes)
753459-84-6 CAPLUS
Oxazole, 4-[[[(1R, 3S)-3-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]methyl]cyclohexyl]oxy]methyl]-5-methyl-2-(4-methylphenyl)-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) oxazolyl]methoxy]cyclohexyl]ethylidene]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry. Double bond geometry unknown.

755422-77-6 CAPLUS
Cyclohexaneacetaldehyde, 3-[[5-methyl-2-(3-methylphenyl)-4oxazolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

755418-86-IP 755418-92-9P 755418-98-5P
RL: RCT (Reactant): SPN (Synthetic preparation): THU (Therapeutic use):
BIOL (Biological study): PREP (Preparation): RACT (Reactant or reagent):
USES (Uses)
(preparation of oxazolylmethoxycyclohexanols as PPARa agonists for the treatment of type II disabtes)
755418-86-1 CAPLUS
2,4-Thiazolidinedione, 5-[1-hydroxy-2-[(1R,3R)-3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy[cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

755418-92-9 CAPLUS 2.4-Thiazolidinedione, 5-[1-hydroxy-2-[(1R,3R)-3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]cyclohexyllethyll-, rel- (SCI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

753459-85-7 CAPLUS Cyclohexanemethanol, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-70-4 CAPLUS Cyclohexanecarboxaldehyde, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755421-65-9 CAPLUS
Oxazole, 5-methyl-2-(3-methylphenyl)-4-[[[(1R, 3R)-3-(2-propenyl)cyclohexyl]oxy]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755421-83-1 CAPLUS 2,4-Thiazolidinedione, 5-{2-{(1R,3R)-3-{[5-methyl-2-(3-methylphenyl)-4-

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

755418-98-5 CAPLUS
2,4-Thiszolidinedione, 5-[1-hydroxy-2-[(1R,3R)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-05-7P 755419-10-4P 755419-27-3P
755419-33-1P 755419-38-6P 755419-43-3P
755419-49-9P 755419-54-6P 755419-61-5P
755419-65-PP 755419-71-7P 755419-76-2P
755419-80-8P 755419-87-5P 755420-26-9P
755420-32-8P 755420-27-9P 755420-48-5P
755420-52-1P 755420-57-6P 755420-63-4P
755420-67-8P 755420-37-6P 755420-79-2P
755420-87-2P 755420-93-0P 755420-99-5P
755421-04-6P 755421-09-1P 755421-15-9P
755421-04-6P 755421-09-1P 755421-15-9P
756421-04-6P 755421-09-1P 755421-15-9P
756421-04-6P 755421-09-1P 755421-15-9P
756421-04-6P 755421-09-1P 755421-15-9P
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756421-04-0P 756421-09-1P 756421-09-1P
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Relative stereochemistry.

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755419-10-4 CAPLUS 2,4-Thiszolidinedione, 5-[2-{(1R,3R)-3-[[2-(3-methoxyphenyl)-5-methyl-4-

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-27-3 CAPLUS 2,4-Thiazolidinedione, 5-[[(1R,3S)-3-[(5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-33-1 CAPLUS 2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[5-cyclohexyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- [9CI] (CA INDEX NAME)

Relative stereochemistry.

755419-38-6 CAPLUS 2,4-Thiazolidinedione, 5-{2-{{IR,3R}-3-{[5-cyclohexyl-2-{4-methylphenyl}-4-oxazolyl]methoxy]cyclohexyl}ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

755419-61-5 CAPLUS
2,4-Thiazolidinedione, 5-[2-[(IR,3R)-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-65-9 CAPLUS 2,4-Thiazolidinedione, 5-{2-[{1R,3R}-3-[[5-ethyl-2-{2-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

755419-71-7 CAPLUS
2,4-Thiazolidinedione, 5-[2-[(1R,3R]-3-([5-ethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

755419-43-3 CAPLUS 2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[2-[3,5-bis(ctrifluoromethyl]phenyl]-5-ethyl-4-oxazolyl]methoxy]cyclohexyl]ethyl}-,rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-49-9 CAPLUS 2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[2-(2,6-dimethylphenyl)-5-ethyl-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- [9CI] (CA INDEX NAME)

Relative stereochemistry.

755419-54-6 CAPLUS

/30419-3040 (Arthus (2.4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[5-methyl-2-[2-(trif]uoromethyl)phenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX RAME)

Relative stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 755419-76-2 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[5-ethyl-2-[4-(1-nethylethyl]phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-80-8 CAPLUS .
2,4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[5-(1-methylethyl)-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755419-87-5 CAPLUS
2,4-Thiazolidinedione, 5-{2-{{1R,3R}-3-{[5-methyl-2-[3-(trifluoromethyl)phenyl}-4-oxazolyl}methoxy]cyclohexyl]ethyl}-, rel- {9CI}
(CA INDEX NAME)

Relative stereochemistry.

755420-26-9 CAPLUS 2,4-Thiazolidinadione, 5-[2-[(1s,3s)-3-[[2-(3,4-dimethylphenyl)-5-ethyl-4-oxazolyllmethoxy)cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

RN 756420-33-8 CAPLUS
CN 2,4-Thiazolidinedione, 5-(2-[(15,35)-3-[(5-ethyl-2-[4-(trifluoromethyl)phenyl]-4-oxezolyl]methoxy|cyclohexyl]ethyl]- (9CI) (CA INDEX RAME)

Absolute stereochemistry.

RN 755420-42-9 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[5-ethyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 755420-48-5 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[2-[4-(1,1-dimethylethyl)phenyl]-5-ethyl-4-oxazolyl]methoxylocylohexyl]ethyl]- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 755420-67-8 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[2-[4-(1,1-dimethylethyl)phenyl]-5[1-methylethyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX

Absolute stereochemistry.

RN 755420-73-6 CAPEUS
CN 2,4-Thiazolidinedione, 5-[2-[(1S,3S)-3-[[5-(1-methylethyl)-2-[4-(2-methylpropyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 755420-79-2 CAPLUS
CN 2,4-Thiszolidinedione, 5-{2-{(1S,3S)-3-[[5-(1-methylethyl)-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA NNDEX NAME)

Absolute stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continue

RN 755420-52-1 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[2-(3,4-dimethylphenyl)-5-[1-methylylethyl)-4-oxazolyl]methoxylcyclohexyllethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 755420-57-6 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[5-ethyl-2-[4-(2-methylpropyl)phenyl]-4-окаzolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 755420-63-4 CAPLUS
CN 2,4-Thiazolidinedione, 5-[2-[(15,35)-3-[[5-(1-methylethyl)-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued

RN 755420-87-2 CAPLUS
CN 2,4-Thiazolidinedione, 5-{2-{(1R,3R)-3-{[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy}cyclohexyl]ethyl]-3-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry

RN 755420-93-0 CAPLUS CN 2,4-Thiazolidinedione,5-[2-[(1R,3R)-3-[(2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxyl]cyclohexyl]ethyl]-3-phenyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 755420-98-5 CAPLUS
CN 2,4-Thiazolidinedione, 3-methyl-5-[2-[(1R,3R)-3-[[5-methyl-2-[4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 755421-04-6 CAPLUS
CN 2,4-Thiazolidinedions, 5-[2-[(1R,3R)-3-([5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxyl]cyclohexyl]ethyl]-3-(phenylmethyl)-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755421-09-1 CAPLUS 2,4-Thiazolidinedione, 5-{2-{{1R,3R}-3-{[2-{3-methoxypheny1}-5-{1-methylethyl}-4-oxazolyl]methoxy]cyclohexyl]ethyl]-3-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

755421-15-9 CAPLUS 2.4-Thiazolidinedione, 5-[2-[(1R,3R)-3-[[2-(3-methoxyphenyl)-5-phenyl-4-oxazolyl]methoxyjcyclohexyl]ethyl]-3-methyl-, rel- (SCI) (CA INDEX NAME)

Relative stereochemistry.

755421-22-8 CAPLUS 2,4-Thiazolidinadione, 5-[2-[(1R,3R)-3-[[2-(3-methoxyphenyl)-5-phenyl-4-oxazolyl]methoxyjcyclohexyl]ethyl]-3-phenyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN ACCESSION NUMBER: 2004:740307 CAPLUS DOCUMENT NUMBER: 141:260736

DOCUMENT NUMBER: TITLE:

141:260736
Preparation of 3-(2-phenyloxazol-4ylmethoxylcyclohexylmethoxyacetic acid derivatives and
related compounds used as PPAR modulators for treating
type 2 diabetes and arteriosclerosis
Stapper, Christian, Gretzke, Dirk; Glombik, Heiner,
Falk, Bugen; Goerlitzer, Jochen; Keil, Stefanie;
Schaefer, Hans-Ludwig, Wendler, Wolfgang
Aventis Pharma Deutschland GmbH, Germany
PCT Int. Appl., 189 pp.
CODEN: PIXXD2
Patent

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PAT	ENT	NO.			KIND DATE			APPLICATION NO.								ATE			
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L12 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

Title compds. I [X = alkanediyl, oxaslkanediyl; X1 - cycloalkanediyl, cycloalkanediyl, oxacycloalkanediyl; oxacycloalkanediyl; Y1 = (un)substituted CH2, CH2CH2; Y2 - CH2, O, S, S(0), SO2, (un)substituted MH; R = (un)substituted or annulated Ph, pyridinyl, furyl, thienyl, pyrrolyl; R1 - H, alkyl, cycloalkyl, cycloalkylalkyl, Ph, aralkyl, heteroaryl; heteroarylalkyl, fluoroalkyl; R2, R3 - H, alkyl, F, (un)substituted MH; R4 - H, alkyl, F, R5 - H, F, alkyl, alkoxy, alkonyl, alkynyl, cycloalkyl, Ph, substituted alkyl; CR4R5 - cycloalkyl; R6 - H, alkyl; H, substituted alkyl; CR4R5 - cycloalkyl; R6 - K, alkyl; were prepared for use as PPAR modulators for treating disorders of the fatty acid metabolism and disorders of glucose utilization in addition

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disorders, in which insulin resistance plays a part. Thus, the title compound II was prepared in a multi-stage synthesis and had ECSO for activation of the PPARs receptor of 0.07 mM. 754986-49-7P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of 3-(2-phenyloxazol-4-ylmethoxy) cyclohexylmethoxyacetic IT

derivs. and related compds. as PPAR agonists)
754986-49-7 CAPLUS
Acetic acid, [[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy}cyclohexyl|methyl]thio]-, rel- (9CI) (CA INDEX NAME)

754986-13-5P 754986-20-4P 754986-25-9P 754986-36-2P 754986-36-13P 754986-61-3P 754986-68-9P 754986-72-6P 754986-83-9P 754987-21-8P RL: PAC [Pharmacological activity]; SFN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of 3-(2-phenyloxazol-4-ylmethoxy) cyclohexylmethoxyacetic

derivs. and related compds. as PPAR agonists)
754986-13-5 CAPLUS
Benzenepropancic acid, a-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9C1) (CA INDEX NAME)

Relative stereochemistry.

754986-20-4 CAPLUS
Propanoic acid, 2-methyl-2-[[(IR,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy|cyclohexyl]methoxy| (CA INDEX NAME)

Absolute stereochemistry.

754986-25-9 CAPLUS Cyclopentanecarboxylic acid, 1-[{(1R,3S)-3-[{5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy}cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 754986-66-8 CAPLUS
CN Heptancic acid, 2-[[[(1R, 3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-72-6 CAPLUS
L-Valine, N-[[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754986-83-9 CAPLUS L-Valine, N-[13-[45-methyl-2-(4-methylphenyl)-4-owazolyl]methoxy]cyclohexyl]methyl]-N-(phenylmethyl)- (9CI) (CA INDEX

Absolute stereochemistry.

754987-21-8 CAPLUS Cyclohexanebutanoic acid, 3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-a-(1-methylethyl)-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-36-2 CAPLUS
Propanoic acid, 2-methyl-2-{{([1R,3s)-3-[[5-methyl-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl}methoxy]-, rel[9CI] (CA INDEX NAME)

754986-51-1 CAPLUS
Butanoic acid, 2-[[{(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxylcyclohexyl]methyl]thio|-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-61-3 CAPLUS
Heptanoic acid, 2-{{{(1R,3S)-3-{{5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy}gyclohexyl]methyl]sulfinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

753459-85-7P 753459-87-9P 754986-09-9P
754986-18-0P 754986-24-8P 754986-29-3P
754986-16-4P 754986-86-2P 754986-70-4P
754986-17-5P 754986-86-2P 754987-05-8P
754987-16-9P 754987-07-0P 754987-08-1P
754987-11-6P 754987-11-9P 754987-24-1P
754987-30-9P 754987-31-0P
RL: RCT (Reactant), SPN (Synthetic preparation), PREP (Preparation), RACT (Reactant or reagent)
(preparation of 3-(2-phenyloxazol-4-ylmethoxy) cyclohexylmethoxyacetic

derivs. and related compds. as PPAR agonists)
753459-85-7 CAPLUS
Cyclohexanemethanol, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-,
[1R,35)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-87-9 CAPLUS Cxazole, $4-[[\{(1R,3S)-3-\{iodomethy1\}cyclohexy1\}oxy]methy1]-5-methy1-2-(4-methy1pheny1)-, rel- <math>\{9CI\}$ (CA INDEX NAME)

Relative stereochemistry.

754986-09-9 CAPLUS
Pentanoic acid, 2-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl]-4oxazolyl]nethoxy]cyclohexyl]methoxy]-, 1,1-dimethylethyl ester, rel(CA INDEX NAME)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN Relative stereochemistry. (Continued)

754986-18-0 CAPLUS
Propanoic acid, 2-methyl-2-[[{1R,3S}-3-[[5-methyl-2-(4-methylphenyl]-4cxazolyl]methoxy]cyclohexyl]methoxy]-, 1,1-dimethylethyl ester, rel(CA INDEX NAME)

Relative stereochemistry.

754986-24-8 CAPLUS
Cyclopentanecarboxylic acid, 1-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxyl-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

754986-29-3 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[2-(4-fluorophenyl)-5-methyl-4oxazolyl]methoxy]cylohexyl]methoxy]-2-methyl-, 1,1-dimethylethyl ester,
rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 754986-71-5 CAPLUS
CL-Valine, N-[3-[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methyl]-, 1,1-dimethylethyl ester (9CI) {CA

Absolute stereochemistry.

754986-86-2 CAPLUS Glycine, N-[[[1R,35]-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]-N-(2-thienylmethyl)-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-05-8 CAPLUS
Oxazole, 2-(3-methoxyphenyl)-5-methyl-4-[[[(1R,3R)-3-(2-propenyl)cyclohexyl]oxy]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-06-9 CAPLUS Cyclohexaneacetaldehyde, 3-{[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-46-4 CAPLUS Cyclohexanecarboxylic acid, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxyl-, methyl ester, (1R, 3s)-rel- (9C1) (CA INDEX NAME)

.754986-48-6 CAPLUS Acetic acid, [[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl}methyl]thio]-, ethyl ester, rel- (9CI) (CA INDEX NAME)

754986-70-4 CAPLUS

Cyclohexanecarboxaldehyde, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754987-07-0 CAPLUS
2-Butenoic acid, 4-[(1R,3R)-3-[[2-(3-methoxyphenyl)-5-methyl-4cxazolyl]methoxy]cyclohexyl]-, ethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry unknown.

754987-08-1 CAPLUS Cyclohexanebutanoic acid, 3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-, ethyl ester, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-11-6 CAPLUS
2-Butenoic acid, 2-ethyl-4-[{1R,3R}-3-{{2-(3-methoxyphenyl})-5-methyl-4-oxazolyl]methoxy]cyclohexyl]-, ethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry. Double bond geometry unknown.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754987-14-9 CAPLUS Cyclohexanebutancic acid, α, α -dimethyl-3-[[5-methyl-2-(4-methyl)]-4-oxazolyl]methoxy]-, 1,1-dimethylethyl ester, (1R,3R)-rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-24-1 CAPLUS Cyclohexanebutancic acid, 3-[{5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-a-(2-methyl-2-propenyl)-, 1,1-dimethylethyl ester, (lR,3R)-rel- (SCI) (CA INDEX NAME)

Relative stereochemistry.

754987-30-9 CAPLUS
L-Valine, N-[2-[3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754987-31-0 CAPLUS
L-Valine, N-[(4-methoxyphenoxy)carbonyl]-N-[2-[3-[5-methyl-2-(3-methylphenyl)-4-oxazoly]]methoxy]cyclohexyl]ethyl]-, 1,1-dimethylethylester (9C1) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-57-7 CAPLUS
Pentanoic acid, 2-{{[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]thio]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Ne

754986-10-2P 754986-11-3P 754986-12-4P
754986-13-1P 754986-15-7P 754986-16-8P
754986-19-1P 754986-30-6P 754986-31-7P
754986-13-79 754986-33-6P 754986-31-7P
754986-37-3P 754986-33-5P 754986-31-7P
754986-62-79 754986-53-5P 754986-40-8P
754986-66-6P 754986-55-8P 754986-60-2P
754986-62-7P 754986-63-5P 754986-60-2P
754986-62-7P 754986-63-5P 754986-60-0P
754986-63-1P 754986-73-7P 754986-74-8P
754986-83-1P 754986-81-8P 754986-77-1P
754986-78-1P 754986-81-3P 754986-77-1P
754986-78-1P 754986-81-3P 754986-77-1P
754986-81-1P 754986-81-3P 754986-92-0P
754986-81-1P 754986-81-3P 754986-92-0P
754986-81-1P 754986-93-1P 754987-10-3P
754988-93-1P 754987-10-5P 754987-10-3P
754987-07-2P 754987-10-5P 754987-12-7P
754987-07-7P 754987-23-0P 754987-12-7P
754987-37-2P 754987-33-0P 754987-12-7P
754987-32-7P 754987-33-0P 754987-32-1P
754987-32-7P 754987-33-0P 754987-33-1P
754987-32-7P 754987-31-3P 754987-33-4P
754987-33-2P 754987-31-3P 754987-33-4P
754987-35-5P 754987-31-3P 754987-33-4P
754987-35-5P 754987-31-3P 754987-33-4P
754987-35-5P 754987-31-3P 754987-33-4P
754987-36-5P 754987-31-3P 754987-33-4P
754987-36-3P
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derivs. and related compds. as PPAR agonists)
754986-10-2 CAPLUS
Pentancic acid, 2-[[[1R,35]-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-52-2P 754986-53-3P 754986-54-4P 754986-57-7P RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 3-(2-phenyloxazol-4-ylmethoxy) cyclohexylmethoxyacetic

derivs. and related compds. as PPAR agonists)
754986-52-2 CAPLUS
Heptanoic acid, 2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methyl]thio]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-53-3 CAPLUS

Butanoic acid, 3-methyl-2-{[[(1R,3S)-3-[(5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxylcyclohexyl]methyl]thio]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

$$\stackrel{\text{Me}}{\overbrace{\hspace{1cm}}} \stackrel{\text{Ne}}{\overbrace{\hspace{1cm}}} \stackrel{\text{Re}}{\overbrace{\hspace{1cm}}} \stackrel{\text{S}}{\overbrace{\hspace{1cm}}} \stackrel{\text{S}}{\overbrace{\hspace{1cm}}} \stackrel{\text{Pr-i}}{\overbrace{\hspace{1cm}}}$$

754986-54-4 CAPLUS
Propanoic acid, 2-methyl-2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]thiol-, rel- (9CI) (CA INDEX NAME)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-11-3 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-12-4 CAPLUS
Butanoic acid, 2-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4cxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-14-6 CAPLUS
Propanoic acid, 2-[[(1R,35)-3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 754986-15-7 CAPLUS

ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) Propanoic acid, 2-[[{1R,3S}-3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

754986-16-8 CAPLUS
Propancic acid, 2-[[(1R,3S)-3-[[5-methyl-2-[3-(trifluoromethyl)phenyl]-4oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (SCI) (CA INDEX NAME)

754986-19-1 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxyl-, rel- (9CI) (CA INDEX NAME)

754986-30-6 CAPLUS Propanoic acid, 2-[[(1R,35)-3-[[2-(4-fluorophenyl)-5-methyl-4-oxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-35-1 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-[[2-(4-methylphenyl)-5-phenyl-4-oxazolyl]methoxy]cyclohexyl]methoxyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-37-3 CAPLUS
Propanoic acid, 2-[[(1R,35)-3-[(2-(4-methoxyphenyl)-5-methyl-4-oxazolyl]methoxyjcyclohaxyl]mathoxy]-2-methyl-, rel- (9CI) (CA INDEX

Relative stereochemistry.

754986-39-5 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-[[5-methyl-2-[3-(trifluoromethoxy)phenyl]-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel[9C1] (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-31-7 CAPLUS
Propancic acid, 2-[[(1R,3S)-3-[[2-(3-methoxyphenyl)-5-methyl-4owazolyl]methoxy]cyclohexyl]methoxy]-2-methyl- (SCI) (CA INDEX NAME)

754986-32-8 CAPLUS
Propanoic acid, 2-methyl-2-[[[1R,3S]-3-[[5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel[9C] (CA INDEX NAME)

Relative stereochemistry.

754986-34-0 CAPLUS Propanoic acid, 2-[[(1R,35)-3-[[2-(3,4-dimethoxyphenyl)-5-methyl-4-cxazolyl]methoxy]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-40-8 CAPLUS
Propanoic acid, 2-methyl-2-[[(lR,3S]-3-[[5-methyl-2-[4-[1-methylth]]phenyl]-4-exazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-41-9 CAPLUS
Propanoic acid, 2-methyl-2-{{(1R,3S)-3-{{5-methyl-2-{3-methylphenyl}-4-oxazolyl}methoxy}cyclohexyl]methoxy}-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-50-0 CAPLUS
Propanoic acid, 2-[[[(1R,3S)-3-[[5-methyl-2-[4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]methyl]thio]-, rel- {9CI} (CA INDEX NAME)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 75,996-55-5 CAPLUS
CN Benzeneactic acid, a=[[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl)thio]-, rel- (9CI) (CA INDEX NAME)

754986-56-6 CAPLUS
Cyclohexaneacetic acid, a=[[[(1R,3s)-3-[[5-methyl-2-(4-methylphenyl)4-oxazolyl]methoxy]cyclohexyl]methyl]thio]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-58-8 CAPLUS Cyclobutanecarboxylic acid, 1-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]thio]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-60-2 CAPLUS
Acetic acid, [[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN Acetic acid, [[[[1R,3S]-3-[[5-methyl-2-(4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-67-9 CAPLUS
Propanoic acid, 2-methyl-2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-69-0 CABUS
Butanoic acid, 3-methyl-2-[[[(IR,35)-3-[[5-methyl-2-(4-methylphenyl)-4oxacolyl]methoxy)cyclohexyl]methyl]sulfonyl]-, rel- (SCI) (CA INDEX NAME)

Relative stereochemistry.

754986-69-1 CAPLUS
Pentanoic acid, 2-{[[(1R,3S)-3-[(5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-62-4 CAPLUS Propanoic acid, 2-methyl-2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfinyl]-, rel- (9CI) (CA INDEX NAME)

754986-63-5 CAPLUS
Butanoic acid, 3-methyl-2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]sulfinyl]-, rel- (9CI) (CA 'INDEX NAME)

Relative stereochemistry.

754986-64-6 CAPLUS
Pentanoic acid, 2-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxyjcyclohexyl]methyl]sulfinyl]-, rel- (SCI) (CA INDEX NAME)

Relative stereochemistry.

754986-65-7 CAPLUS

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-73-7 CAPLUS
L-Valine, N-acetyl-N-[[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754986-74-8 CAPLUS L-Valine, N-benzoyl-N-{{3-{{5-methyl-2-{4-methylphenyl}-4-oxazolyl}methoxy}cyclohexyl}methyl}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754986-75-9 CAPLUS
L-Valine, N-[[3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methyl]-N-(methylsulfonyl)- (9CI) (CA INDEX

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-76-0 CAPLUS
L-Valine, N-[(3-[[5-methyl]-2-(4-methyl]phenyl)-4oxazolyl]methoxy]cyclohexyl]methyl]-N-[[(methylsulfonyl)methyl]sulfonyl](SCI NDEX NAME)

Absolute stereochemistry.

754986-77-1 CAPLUS
L-Valine, N-[(3-[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy)cyclohexyl]methyl]-N-[(4-methylphenyl)sulfonyl]- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

754986-78-2 CAPLUS
L-Valine, N-(methoxycarbonyl)-N-[[3-([5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754986-80-6 CAPLUS Glycine, N-[([IR,35]-3-[[5-methyl-2-(4-methylphenyl)-4-owazolyl]methoxy]cyclohexyl]methyl]-, rel-, mono(trifluoroacetate) [9CI)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-85-1 CAPLUS Glycine, N-[[[IR,38]-3-[[5-methyl-2-(4-methylphenyl]-4-oxazolyl]methoxy] cyclohexyl]methyl]-N-(phenylmethyl)-, rel-, mono(trifluoroacetate) (9Cl) (CA INDEX NAME)

CM 1

CRN 754986-84-0 CMF C28 H34 N2 O4

Relative stereochemistry.

CH 2

CRN 76-05-1 CMF C2 H F3 02

754986-87-3 CAPLUS
Glycine, N-(cyclohexylmethyl)-N-[{(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (CA INDEX NAME)

CM 1

Relative stereochemistry.

2

F-C-C02H

754986-82-8 CAPLUS L-Valine, N-methyl-N-[[3-[[5-methyl-2-[4-methylphenyl]-4-ovazolyl]methoxy]cyclohexyl]methyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CH 1

CRN 754986-81-7 CMF C25 H36 N2 O4

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 02

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754986-92-0 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-{[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]methoxy]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-93-1 CAPLUS
Butanoic acid, 2-methyl-2-[((1R,35)-3-[[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-95-3 CAPLUS Propanoic acid, 2-[[(1R,35)-3-{[(2-[1,1'-biphenyl]-4-yl-5-methyl-4-oxazolyl)methoxy]methyl]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

754986-96-4 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,3S)-3-[[(5-methyl-2-phenyl-4-owazolyl)methoxy]methyl]cyclohexyl]methoxy]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-98-6 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754986-99-7 CAPLUS
Propanoic acid, 2-methyl-2-[[(1R,35)-3-[[[5-methyl-2-[4-(1-methyl-thyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-, rel-(SCI) [CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754987-09-2 CAPLUS

Cyclohaxanebutanoic acid, 3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-, (1R, 3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-10-5 CAPLUS
Cyclohexanebutanoic acid, 3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-a-methyl-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-12-7 CAPLUS
Cyclohexanebutanoic acid, a-ethyl-3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 754987-00-3 CAPLUS
CN Propanoic acid, 2-[(1R,35)-3-[[[5-cyclohexyl-2-(4-methylphenyl)-4-oxacolyl]methoxy]methoxy]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-01-4 CAPLUS Propanoic acid, 2-[[(1R,3S)-3-[[[5-ethyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-03-6 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[[5-ethyl-2-[4-methylphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]methoxy]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-04-7 CAPLUS
Propanoic acid, 2-[[(1R,3S)-3-[[[5-ethyl-2-[4-methyl-3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl-y-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued 754987-13-8 CAPLUS CN Cyclohexanebutanoic acid, 3-{{2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]-a-propyl-, (1R,3R)-rel- (9C1) (CA INDEX NAME)

Relative stereochemistry.

754987-15-0 CAPLUS
Cyclohexanebutanoic acid, α,α-dimethyl-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-16-1 CAPLUS Cyclohexanebutanoic acid, a,a-dimethyl-3-{[5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-20-7 CAPLUS Cyclohexanebutanoic acid, α -{1-methylethyl}-3-{{5-methyl-2-{4-methylphenyl}-4-oxazolyl}methoxy}-, {1R,3R}-rel- (9CI) (CA INDEX NAME)

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754987-23-0 CAPLUS Benzenepropanoic acid, α -[2-[(1R,3R)-3-[[5-methyl-2-(4-methylphenyl)-4-cxazolyl]methoxy]cyclohexyl]ethyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-25-2 CAPLUS Cyclohexanebutanoic acid, 3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-\(\alpha\)-(2-methylpropyl)-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-27-4 CAPLUS Cyclohexanebutanoic acid, 3-[[5-methyl-2-[3-(trifluoromethyl]phenyl]-4-oxazolyl]methoxy]- α , α -dipropyl-, (1R,3R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754987-35-4 CAPLUS D-Phenylalanine, N-[(4-methoxyphenyl)methoxy]carbonyl]- α -methyl-N-[2-[3-[6-methyl-2-(3-methyl)+4-oxazolyl]methoxy]cyclohexyl]ethyl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-B

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754987-36-5 CAPLUS
Glycine, N-[2-[(1R,3R)-3-[[5-methyl-2-(3-methylphenyl)-4cxazolyl]methoxy]cyclohexyl]ethyl]-N-[(phenylmethoxy)carbonyl]-, rel(9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-37-6 CAPLUS
Glycine, N-[2-{[1R,3R]-3-[[5-methyl-2-(3-methylphenyl]-4owazolyl]methoxy]cyclohexy[]ethyl]-N-[phenylacetyl]-, rel- (9CI) (CA

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

754987-29-6 CAPLUS
Cyclopentanecarboxylic acid, 1-{2-[{1R,3R}-3-[{5-methyl-2-(4-methylphenyl}-4-oxazolyl]methoxy]cyclohexyl]ethyl}-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

754987-32-1 CAPLUS
L-Valine, N-[(4-methoxyphenoxy)carbonyl]-N-[2-(3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyll- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

754987-33-2 CAPLUS
Cyclopentanecarboxylic acid, 1-{[2-{(1R,3R}-3-{[5-methyl-2-{3-methyl-2-

Relative stereochemistry.

754987-34-3 CAPLUS

Cyclopentanecarboxylic acid, 1-[[[(4-methoxyphenyl)methoxy]carbonyl][2-[(1R, 3R)-3-[(5-methyl-2-(3-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]eth yl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS ON STN INDEX NAME)

Relative stereochemistry.

754987-38-7 CAPLUS Glycine, N-[2-[(1R,3R)-3-[[5-methyl-2-(3-methylphenyl)-4-oxazolyl]nethoxy]cyclohexyl]ethyl]-N-[[phenylamino]carbonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 7 OF 10
ACCESSION NUMBER:
DOCUMENT NUMBER:
141:243829
141:243829
Synthesis of Oxazol-4-yl-cyclohexanecarbonyl-amino acid derivatives as peroxisome proliferator activated receptor (ppar) modulators for the treatment of type 2 diabetes and atherosclerosis
Stapper, Christian, Gretzke, Dirk, Falk, Eugen, Goerlitzer, Jochen, Keil, Stefanier, Schaefer, Hans-Ludwig, Globbik, Heiner Wendler, Wolfgang
Aventis Pharma Deutschland GmbH, Germany
PCT Int. Appl., 114 pp.
COEM. PIXXD2
DOCUMENT TYPE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT:

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- * STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY AVAILABLE VIA OFFLINE PRINT *
- The invention relates to cis-cyclohexyl-substituted amino acid derivs., e.g. (1), and their physiol. acceptable salts and physiol. functional derivs., as suitable compds. for treatment and/or prevention of disturbances of fatty acid metabolism, impaired glucose utilization, and disturbances in which insulin resistance plays a role, for example.
- L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
- 752213-30-2 CAPLUS
 Alanine, 2-methyl-N-{[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

752213-41-5 CAPLUS
L-Valine, N-[[3-[[5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-69-7 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[{1R,3S}-3-[[5-methyl-2-{4-methylphenyl}-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- [9CI] (CA INDEX NAME)

Relative stereochemistry.

752214-13-4 CAPLUS L-Valine, N-[3-[(15-(1-methylethyl)-2-[4-(trifluoromethyl)phenyl]-4-oxazolyl]methoxyjmethyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Intermediate (II) was prepd. from Et 4-methyl-3-exo-pentanoic acid, which was reacted with sodium nitrite in water to give Et 2-hydroxyimino-4-methyl-3-exo-pentanoic acid, which was then reduced to the smith hydrochloride salt, reacted with 4-methylbanzeyl chloride; and the product cyclized to the substituted oxazole using phosphoroxychloride. The resulting intermediate was reduced to the 4-methanol deriv., which was iodinated to give II. Intermediate (III) was prepd. from 6-oxabicyclo[3,2:1]octan-7-one by formation of the ring-opened Me ester diphenyl-methylsilyl ether deriv., which was coupled with H-L-Val-otBu, and the product O-deprotected. Coupling of II and III gave title compds. Sepn. of the cis-cyclohexane isomers could be accomplished using HFLC techniques. Title compd. (IV), prepd. in the same fashion using H-L-Ala-otBu and III prepd. from 3-oxabicyclo[3,3,1]nonane, had ECSO 99 nM.
IT 75213-61-9P

RL: BSU (Biological study, unclassified), PUR (Purification or recovery); SFN (Synthetic preparation); TRU (Therapeutic use), BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of smino acid derivs. as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)

RN 752213-61-9 CAPLUS

CN L-Valine, N-{((IR,35)-3-[(5-ethyl-2-(4-methylphenyl)-4-oxazolyl]nethoxylcyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-28-8P 752213-30-2P 752213-41-5P 752213-69-7P 752214-13-4P 752214-14-5P 752214-21-4P FEEL SU (Biological study, unclassified), SPN (Synthetic preparation), THU (Therapeutic use), BIOL (Biological study), PREP (Preparation), USES

(Uses)
[preparation of amino acid derivs. as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)
752213-28-8 CAPLUS
L-Alanine, N-[[3-[[5-methyl-2-(4-methylphenyl)-4-cxazolyl]methoxy]cyclohexyl]carbonyl}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN ' (Continued)

752214-14-5 CAPUS L-Valine, N-([3-[([5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (GA INDEX NAME)

olute stereochemistry

752214-21-4 CAPLUS L-Valine, N-[[3-{[[5-ethyl-2-[4-(trifluoromethyl)phenyl]-4-owazolyl]methoxyjme.thyl]cyclohexyl]carbonyl]- [9CI)- (CA INDEX NAME)

752213-21-1P 752213-59-5P
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses) (preparation of amino acid derivs. as peroxisome proliferator active receptor (ppar) modulators for the treatment of metabolic diseases) 752213-21-1 CAPLUS
L-Valine, N-{[3-[6-sethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-23-3P 752213-25-5P RL: PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES ΙT

(Uses)
(preparation of amino acid derivs. as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)
752213-23-3 CAPLUS
L-Valine, N-[[1R,35]-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

(Continued)

Absolute stereochemistry.

752213-25-5 CAPLUS
L-Valine, N-[[(15,3R)-3-{[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
752213-83-5P 752213-87-9P 752213-88-0P
752213-89-1P 752213-92-6P 752213-95-9P
752213-99-2P 752214-01-0P 752214-07-6P
752214-09-PP 752214-10-1P
752214-11-2P 752214-15-6P 752214-10-1P
752214-11-2P 752214-15-6P 752214-10-1P
752214-11-2P 752214-15-6P 752214-16-7P
752214-11-2P 752214-15-6P 752214-16-7P
75214-17-8P 752214-16-9P 752214-20-3P
RL: SPN (Synthetic preparation), THU (Therapeutic use), BIOL (Biological study), PREP (Preparation), USES (Uses)
(prepn. of amino acid derivs. as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)
RN 752213-26-6 CAPLUS
CN L-Leucine, N-[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-29-9 CAPLUS L-Phenylalanine, N-[[3-[[5-methyl-2-(4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- [9CI] (CA INDEX NAME)

Absolute stereochemistry.

752213-32-4 CAPLUS
D-Valine, N-[[3-[[5-methyl-2-[4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- [9CI] (CA INDEX NAME)

Absolute stereochemistry.

752213-34-6 CAPLUS L-Proline, 1-[[3-[[2-(3-methoxyphenyl)-5-methyl-4-

752213-06-2P 752213-20-0P
RL: RCT (Reactant): SPN (Synthetic preparation): PREP (Preparation): RACT (Reactant or reagent)
(preparation of amino acid derivs: as peroxisome proliferator activated receptor (ppar) modulators for the treatment of metabolic diseases)
752213-06-2 CAPLUS
Cyclohexanecarboxylic acid, 1-[[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, methyl ester, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

752213-20-0 CAPLUS L-Valine, N-[[3-[[[5-methyl-2-{4-methylphenyl}-4-cvazolyl]methoxy]methyl]cyclohexyl]carbonyl]-, 1,1-dimethylethyl ester (SCI) (CA INDEX NAME)

Absolute stereochemistry.

752213-26-6P 752213-29-9P 752213-32-4P 752213-34-6P 752213-36-8P 752213-34-5P 752213-45-9P 752213-47-1P 752213-47-1P 752213-47-1P 752213-47-1P 752213-55-1P 752213-55-1P 752213-57-3P 752213-57-5P 752213-57-5P 752213-57-5P 752213-77-1P 752213-75-5P 752213-77-9P

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued) oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-36-8 CAPLUS
L-Proline, 1-[[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

752213-38-0 CAPLUS L-Valine, N-[[3-[[2-(3-methoxyphenyl])-5-methyl-4-owazolyl]methoxylgyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$\underset{\text{Me}}{\text{Me}} \circ \underset{\text{CO}_2H}{\overset{H}{\bigvee}} \circ \underset{$$

752213-40-4 CAPLUS
L-Valine, N-[[3-[[2-[3-bromophenyl]-5-methyl-4oxazolyl]methoxy]cyclohexyl]carbonyl]- [9C1] (CA INDEX NAME) Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

752213-43-7 CAPLUS L-Valine, N-[[3-[[5-[1-methylethyl]-2-(4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- [9CI) (CA INDEX NAME)

752213-45-9 CAPLUS
L-Valine, N-[[3-[[2-(3-methoxyphenyl)-5-(1-methylethyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

752213-47-1 CAPLUS
L-Valine, N-[[3-[[2-(3-methoxyphenyl)-5-(trifluoromethyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- [9CI] (CA INDEX NAME)

752213-49-3 CAPLUS

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

752213-57-3 CAPLUS
L-Valine, N-[[3-[[5-ethyl-2-[3-methoxyphenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- [9CI] (CA INDEX NAME)

Absolute stereochemistry.

752213-63-1 CAPLUS L-Valine, N-[{3-[[5-cyclohexyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-65-3 CAPLUS

'L-Valine, N-[[3-[[5-cyclohexyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN L-Valine, N-[[3-[[5-(trifluoromethyl)-2-[3-(trifluoromethyl)phenyl]-4oxazolyl]methoxy]cyclohexyl]carbonyl]- (9C1) (CA INDEX NAME)

Absolute stereochemistry.

$$F_{3}C$$

$$CF_{3}$$

$$H$$

$$CO_{2}H$$

752213-51-7 CAPLUS
L-Valine, N-[[3-[[2-(4-methylphenyl)-5-(trifluoromethyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

$$\bigcap_{CF_3} \bigcap_{F_3} \bigcap_{F_3} \bigcap_{F_{r-1}} \bigcap_{$$

752213-53-9 CAPLUS L-Valine, N-[[3-[[2-(4-methylphenyl)-5-phenyl-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-55-1 CAPLUS
L-Valine, N-[[3-[[2-(3-methoxyphenyl)-5-phenyl-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

752213-67-5 CAPLUS
Cyclohexanecarboxylic acid, 1-[[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxylcyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

752213-71-1 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[(1R,3S)-3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

752213-75-5 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[(1R,3S)-3-[[5-methyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX NAME)

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

752213-79-9 CAPLUS
L-Valine, N-methyl-N-[[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-83-5 CAPLUS
L-Valine, N-[[3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752213-07-9 CAPLUS
L-Valine, N-[[3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]carbonyl]-N-propyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

Relative stereochemistry.

752213-98-2 CAPLUS Collogentamecarboxylic acid, 1-[[(1R,3S)-3-[[2-(3,4-dimethylphenyl)-5-(1-methylethyl)-4-oxazolyl]methoxy]cyclohexyl]carboxyljamino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

752214-01-0 CAPLUS Cyclopentanecarboxylic acid, 1-[[[{1R,35}]-3-[[2-(4-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]cyclohexyl]carbonyl}amino]-, rel- (9CI) (CA INDEX

Relative stereochemistry.

Cyclopentanecarboxylic acid, 1-[[[(1R,3\$)-3-[[5-ethyl-2-(3-methoxyphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX

Relative stereochemistry.

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

752213-88-0 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[(1R,3S)-3-[[5-ethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

 $\label{thm:continuous} \begin{tabular}{ll} 752213-89-1 & CAPLUS \\ Cyclopentanecarboxylic acid, $1-[[[(1R,3S)-3-[[2-(3,5-dimethoxyphenyl]-5-methyl-4-c-Azaolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) & CA INDEX NAME) \\ \end{tabular}$

Relative stereochemistry.

752213-92-6 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[(1R,3S]-3-[[5-(1-methylethyl)-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

752213-95-9 CAPLUS

Cyclopentanecarboxylic acid, 1-[[[(1R,3s)-3-[[5-ethyl-2-[3-(trifluoromethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel- [9c1] (CA INDEX NAME)

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

752214-08-7 CAPLUS
Cyclopentanecarboxylic acid, 1-[[[(1R,35)-3-[[5-methyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl]methoxy]cyclohexyl]carbonyl]amino]-, rel-(9C1) (CA INDEX NAME)

Relative stereochemistry.

752214-09-8 CAPLUS Cyclopentanecarboxylic acid, 1-[[[{1R,35}-3-[[5-ethyl-2-[4-{1-methylethyl]phenyl]-4-oxazolyl]methoxy]cyclohexyl}carbonyl]amino]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

L-Valine, N-[(3-[([5-mathyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

752214-11-2 CAPLUS
L-Valine, N-{[3-[[[2-(3,4-dimethylphenyl)-5-ethyl-4-oxazolyl]methoxy]methyl]cyclohexyl}carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752214-15-6 CAPLUS L-Valine, N-{(3-([[5-ethyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl]methoxyjmethyljcyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752214-16-7 CAPLUS L-Valine, N-[[3-{[{5-ethyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS ON STN ACCESSION NUMBER: 2004:740160 CAPLUS DOCUMENT NUMBER: 141:260735

TITLE:

INVENTOR (5):

141:260735
Production method for 1,3-substituted cycloalkyl derivatives containing acidic, mainly heterocyclic groups and use thereof as medicaments Goerlitzer, Jochen Glombik, Heiner, Falk, Eugen, Gretzke, Dirkr Keil, Stefanier, Schaefer, Hans-Ludwig, Stapper, Christian Wendler, Wolfgang Aventis Pharma Deutschland G.m.b.H., Germany PCT Int. Appl., 108 pp. CODEN: PIXXD2
Patent

PATENT ASSIGNEE(S): SOURCE:

PF

DOCUMENT TYPE: LANGUAGE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2004075891 A1 20040910 WO 2004-EF1582 2004 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EG, EE, EG, ES, FI, GB GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, Z, NA RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT MC, NL, FT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20041125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-216519 2004 CA 2517307 A1 20040910 FP 2004-712489 2004 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, IL, LU, NL, SE, MC	CH, GD, LC,
W0 2004075891 A1 20040910 W0 2004-EP1582 2004 W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB GE, GH, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ LK, LR, LS, LT, LU, LV, HA, HD, HG, MK, HN, HW, MK, KM, KZ, NA RW: BW, GH, GH, KE, LS, HM, HZ, SD, SL, SZ, TZ, UG, ZH, ZW, AT BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT HC, NL, FT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CH, GA GQ, GW, ML, HR, NE, SN, TD, TG DE 10308351 A1 20040910 DE 2003-10308351 2003 AU 2004216519 A1 20040910 CA 2004-226519 2004 CA 2517307 A1 20040910 CA 2004-22673307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	CH, GD, LC,
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CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB GE, GH, GM, HA, HU, ID, IL, IN, 1S, JP, KE, KG, KP, KR, KZ LK, LR, LS, LT, LU, LV, HA, MD, HG, MK, MN, HW, MX, MZ, NA RY: EV, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZV, AT BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT MC, NL, FT, RO, SE, SI, SK, TR, FB, BJ, CF, CG, CI, CH, GA GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 AU 2004216519 A1 20040910 CA 2517307 A1 20040910 CA 2004-22517307 2004 EP 1589203 A1 20051130 EP 2004-712489 2004	GD,
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GE, GH, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LX, LX, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MY, MX, MZ, NA, RW: EW, GH, GH, KE, LS, MW, HZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, MC, NL, FT, RO, SE, SI, SK, TR, EF, BJ, CF, CG, CI, CM, GA, GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20040125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MV, MX, MZ, NA RY: SW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZH, ZW, AT BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20041125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	
RW: SW, GH, GH, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20041125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 BP 1599203 A1 20051130 EP 2004-712489 2004	
BG, CH, CY, C2, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA GO, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20040125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20041125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 BP 1599203 A1 20051130 EP 2004-712489 2004	
GQ, GW, ML, MR, NE, SN, TD, TG DE 10308351 A1 20041125 DE 2003-10308351 2003 AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	
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AU 2004216519 A1 20040910 AU 2004-216519 2004 CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	
CA 2517307 A1 20040910 CA 2004-2517307 2004 EP 1599203 A1 20051130 EP 2004-712489 2004	
EP 1599203 A1 20051130 EP 2004-712489 2004	219
	219
R: AT. BE. CH. DE. DK. ES. FR. GR. GR. IT. LI. LU. NI. SE. MC	
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	
BR 2004007869 A 20060301 BR 2004-7869 2004	219
CN 1753671 A 20060329 CN 2004-80005448 2004	219
BR 2004007869 A 20060301 BR 2004-7869 2004 CN 1753671 A 20060329 CN 2004-80005448 2004 JP 2006519195 T 20060824 JP 2006-501888 2004 US 2004209932 A1 20041021 US 2004-789281 2004	219
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RIORITY APPLN. INFO.: DE 2003-10308351 A 2003	227
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WO 2004-EP1582 A 2004	1219
THER SOURCE(S): MARPAT 141:260735	

L12 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

752214-17-8 CAPLUS L-Valine, N-[[3-[[[5-cyclohexy1-2-(3-methoxypheny1)-4-oxazoly1]methoxy]methyl]cyclohexy1]carbony1)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

752214-18-9 CAPLUS
L-Valine, N-[3-[[2-(3-methoxyphenyl)-5-methyl-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (SCI) (CA INDEX NAME)

Absolute stereochemistry.

752214-20-3 CAPLUS
L-Valine, N-[[3-[[[5-methyl-2-[4-(1-methylethyl)phenyl]-4-oxazolyl]methoxy]methyl]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

2

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

$$\sum_{R^2}^{R^1} \sum_{N}^{O} \sum_{X}^{R^3} \sum_{Z_n}^{R}$$

AB The invention relates to 1,3-substituted cycloalkyl derivs. containing acidic,
mainly heterocyclic groups, in addition to their physiol. compatible salts
and physiol. functional derivs. The invention relates to compds. I [A = C3-8-cycloalkanediyl, C3-8-cycloalkanediyl (optionally containing an O

C3-8-cycloalkanediyl, C3-8-cycloalkenediyl (optionally containing an O instead of one C); E = (CH2)m; R1, R2 = H, F, Br, C1, SF5, S-(C1-6-alkyl), CF3, OCF3, C1-6-alkyl), O-(C1-6-alkyl), SF5, OPh, OCF2CHF2, OCF2CF3, (C1-6-alkyl)-(C1-6-alkoxy), O-(C1-6-alkyl)-(C1-6-alkoxy), OCH2Ph; R3 = H, CF3, C1-6-alkyl, C3-8-cycloalkyl, Ph; X = C1-6-alkanediyl (optionally containing an O instead of C); Y = S, O, bond; m = 1 - 3; n = 0, 1; Z = 0, S.

CONCAINING an O Instead of C) Y = S, O, Bondy M = 1 - 3 n = 0, 1; Z = C
C10, C(10)NH; R = H, OH, CH2CONHOH, CH2CONH(C1-6-alkyl),
CH2CONH(C1-6-alkoxy), NR4R5, 5- to 12-membered mono- or bicyclic,
(un)saturated ring containing 1 or more N, O, S; R4 = H, C1-6-alkyl
(optionally
substituted with F, Cl, Br, CN, SH, CO2H, C1-4-alkyl, C1-6-alkoxy,
SO2-(C1-4-alkyl), NO2, Cr3, OCF3, (C1-6-alkyl)-(C1-6-alkoxy),
(C1-6-alkoxy)-(C1-6-alkoxy), (C1-6-alkoxy)-(C1-6-alkoxy),
C1-6-alkoxy)-(C1-6-alkoxy), (C1-6-alkoxy)-(C1-6-alkoxy),
Ph, C6H4Me, C6H4CO2H, NR4R5 = (un)substituted 5-membered aromatic
heterocycle, optionally fused with 5 to 7-membered aromatic heterocycle
(optionally substituted with F, Cl, Br, CF3, OC73, CO2H, SO2Me, CN,
C1-4-alkoxy, C1-4-alkyl, (C1-4-alkyl)C6H4, (C1-6-alkoxy)-(C1-6-alkoxy)-(C1-6-alkoxy),
(C1-6-alkoxy)-(C1-6-alkoxy), (C1-6-alkoxy)-(C1-6-alkoxy)-(CH4, OPh)], in
addition to their physiol. compatible salts and to a method for their
production

production
The compds. are suitable for treating and/or preventing disorders of the
fatty acid metabolism and disorders of glucose utilization in addition to
disorders, in which insulin resistance plays a part.

IT 753459-87-9

7,3349-87-97
RI: RCT (Reactant); RACT (Reactant or reagent)
(0-allylation by, of hydroxythiophenecarboxylate derivs.; preparation of 1,3-substituted cycloalkane heterocyclic derivs. for use in treating metabolic disorders)

753459-87-9 CAPLUS
Oxazole, 4-[{{(1R,35)-3-(iodomethyl)cyclohexyl}oxy]methyl}-5-methyl-2-(4-

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN methylphenyl)-, rel- (9CI) (CA INDEX NAME) (Continued)

Relative stereochemistry.

753459-84-6P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and desilylation of; preparation of 1,3-substituted

Dalkane
heterocyclic derivs. for use in treating metabolic disorders)
753459-84-6 CAPLUS

753459-84-6 CAPLUS
Oxazole, 4-[[[1R,35]-3-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]methyl]-5-methyl-2-(4-methylphenyl)-, rel- [9C] (CA INDEX

Relative stereochemistry.

753459-86-8P RL: RCT (Reactant): SPN (Synthetic preparation): PREP (Preparation): RACT (Reactant or reagent) (preparation and nucleophilic substitution reactions of: preparation of 1,3-substituted cycloalkane heterocyclic derivs. for use in treating metabolic disorders) 753459-86-8 CAPLUS (Cyclohexanesthand), 3-[{5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-, 4-methylbenzenesulfonate (ester), (1R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-88-0P

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

753459-54-0 CAPLUS
1H-Pyrrole-2-carboxylic acid, 1-[[(1R,3S)-3-[[5-methyl-2-(4-methylphenyl)-4-cxazolyl]methoxy]cyclohexyl]methyl]-, rel- (9CI) (CA INDEX NAME) RN CN

Relative stereochemistry.

753459-55-1 CAPLUS
1H-Pyrrole-2-carboxylic acid, 1-[[{IR,35}-3-[[2-{3-methoxyphenyl}]-5-methyl-4-oxazolyl]methoxy]cyclohexyl]methyl}-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-56-2 CAPLUS
2-Thiophenecarboxylic acid, 3-[([1R,3S]-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-57-3 CAPLUS

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RL: RCT (Reactant) SPN (Synthetic preparation), PREP (Preparation), RACT (Reactant or reagent)
(prepn. and sapon. of; prepn. of 1,3-substituted cycloalkane heterocyclic derivs. for use in treating metabolic disorders)
RN 75365-88-0 CAPLUS
CN 2-Thiophenecarboxylic acid, 3-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, methyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-85-7P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and tosylation of; preparation of 1,3-substituted

palkane
heterocyclic derivs. for use in treating metabolic disorders)
753459-85-7 CAPLUS
Cyclohexanemethanol, 3-{(5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]-,
(lR,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

753459-53-9P 753459-54-0P 753459-55-1P 753459-56-2P 753459-57-3P 753459-58-4P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of 1,3-substituted cycloalkane heterocyclic derivs. for use

treating metabolic disorders)
753459-53-9 CAPUS
HH-Indole-2-carboxylic acid, 1-[{(IR,3S)-3-[[5-methyl-2-(4-methylphenyl)-4oxazolyl]methoxy]cyclohexyl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 2-Thiophenecarboxylic acid, 3-[[[1R,3s]-3-[[5-methyl-2-(4-methylphenyl]-4-oxazolyl]methoxy]cyclohexyl]methoxy]-5-(trifluoromethyl)-, rel- (9C1) (CA INDEX NAME)

Relative stereochemistry.

753459-58-4 CAPLUS
Benzo(b)thiophene-2-carboxylic acid, 6-chloro-3-[[(1R,35)-3-[[5-methyl-2-(4-methylphenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-, rel- (9CI) (CA

Relative stereochemistry.

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2007 ACS ON STN ACCESSION NUMBER: 2004:513338 CAPLUS DOCUMENT NUMBER: 141:71532 TITLE: Hethod for many control of the co

141:71532
Method for producing diaryl cycloslkyl derivatives of oxazole and the use thereof as PPAR activators Glombik, Heiner Falk, Eugen: Frick, Wendelin; Keil, Stefanie; Schafer, Hans-Ludwig; Schwink, Lothar: Wendler, Wolfgang Wendler, Wolfgang Wentis Pharma Deutschland GmbH, Germany U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 231,432.
CODEN: USKXCO INVENTOR (S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: Patent English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

US 2004122069	A1	20040624	US 2003-631867	20030801
US 6894812	B2	20050426		
DE 10142734	A1	20030327	DE 2001-10142734	20010831
DE 10223273	A1	20031204	DE 2002-10223273	20020524
US 2003144332	A1	20030731	US 2002-231432	20020830
US 6624185	B2	20030923		
ZA 2004001073	A	20040826	ZA 2004-1073	20040210
US 2005267177	A1	20051201	US 2005-97345	20050404
PRIORITY APPLN. INFO .:			DE 2001-10142734 A	20010831
			DE 2002-10223273 A	20020524
			US 2002-231432 A2	20020830
			US 2003-631867 A2	20030801
OTHER SOURCE(S):	MARPAT	141:71532		

Title oxazoles I [Z = cycloalkyl; R1, R2, R4, R5 = H, F, C1, Br, etc.; R3

L12 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

501362-38-5 CAPLUS
Benzoic acid, 2-12-((1R,3R)-3-[(2-(4-fluoropheny1)-4oxazolyl]methoxyjcyclohexyljethylj-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-39-6 CAPLUS
Benzolc acid, 2-{2-[(18,35)-3-([2-(4-fluorophenyl)-4owazolyl]methoxy)-cyclohexyl]ethyl]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

REFERENCE COUNT:

THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

= H, He: X, Y = alkyl (chains may contain 1 or more oxygens)] are prepd.
Thus, (+)-cis-cxazole II was prepd. from cyclohexane-1,3-diol via
O-alkylation with 4-[Iodonektyl])-2-(4-fluorophenyl)oxazole, sepn. of
cis/trans isomers, HPLC resoln. of the cis isomers, and finally alkylation
of the (-)-cis isomer with Ne 2-(bromomethyl)-6-methylbenzoate. The
compds. have lipid and/or triglyceride reducing properties and are
suitable e.g. for treating lipid metabolic disorders, type II diabetes and
syndrome X. The bioactivity of II was detd. [EC50 = 0.3 nM vs.
PPARe)

IT 501362-33-0P 501362-35-2P 501362-36-3P
S01362-38-SP S01362-39-6P
RL: PAC (Pharmacological activity): SFN (Synthetic preparation): THU
(Therapeutic use): BIOL (Biological study): PREP (Preparation): USES
(Uses)

(preparation and PPAR activating activity of; preparation of oxazole

cycloalkyl derivs, and the use thereof as PPAR activators)
501362-33-0 CAPLUS
Benzoic acid, 2-{[[3-{{[2-(4-fluorophenyl)-4-oxazolyl]methoxy]methyl]cyclo
hexyl]methoxy]methyl]-6-methyl- (9CI) (CA INDEX NAME)

501362-35-2 CAPLUS
Benzoic acid, 2-[[[4]R,35]-3-[[2-[4-fluorophenyl]-4-oxazolyl]methoxy]gyclohexyl]methoxy]methyl]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-36-3 CAPLUS
Benzoic acid, 2-[[(1R,35)-3-[[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L12 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:202470 CAPLUS
DOCUMENT NUMBER: 138:238169
INVENTOR(S): Hethor for producing diaryl cycloalkyl derivatives of owazole and the use thereof as PPAR activators Glombik, Heiner; Falk, Eugen; Frick, Wendelin; Xeil, Stefanie; Schaefer, Hans-Ludwing; Schwink, Lothar; Wendler, Wolfgang
Aventie Pharma Deutschland GmbH, Germany
FOODEN: Pharma Deutschland GmbH, Germany
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 3

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PA:	TENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D.	ATE	
WO	2003															0020	
	W:	AE,	AG,	AL,	AM,	AT.	AU,	AZ.	BA.	BB.	BG.	BR.	BY.	BZ.	CA.	CH.	CN.
		co.	CR.	CU.	cz.	DE.	DK,	DM.	DZ.	EC.	EE.	KS.	FI.	GB.	GD.	GE.	GH.
							IN,										
							MD,										
							SE,										
							ZA.			JK,	34,	10,	111,	114,	11,		16,
	DIJ.									67	-7	110	7714	71.7	٠.		200
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							EE,										
							ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MK,
					TG										_		
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CA	2458	210			A1		2003	0313		CA 2	002-	2458	210		2	0020	817
AU	2002	3334	56		A2		2003	0319		AU 2	002-	3334	56		2	0020	817
EE	2458 2002 2004 1425 1425	0005	9		Α		2004	0415		EE 2	004-	59			2	0020	817
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EP	1425	014			B1		2006	1213									
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC.	PT.
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	SK		
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CN	1549	713			A		2004	1124		CN 2	002-	8170	85		2	0020	817
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N2	5314	40			λ		2005	1028	1	NZ 2	002-	5314	40		20	0020	817
2A	2004	0010	73		A		2004	0826		ZA 2	004-	1073			2	0040	210
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BG	1085	98			A		2005	0331		BG 2	004-	1085	98		2	0040	224
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				• •						DE 2	002-	1022	3273		2	0010	524
										WO 2						0020	
										2	002-	DI 32			- 21	vu20	01/

OTHER SOURCE(S): MARPAT 138:238169 L12 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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The invention relates to diaryl cycloalkyl derivs, and their physiol. compatible salts and physiol. functional derivs. The invention also relates to oxacles I [Z = C3-8-alkyl, C3-8-alkenyl (rings may contain 1 or more oxygens); R1, R2, R4, R5 = H, F, C1, Br, OH, NO2, CF3, OCF3, C1-6-alkyl, C(1-6-alkyl); R3 = H, C1-6-alkyl, X, Y = C1-6-alkyl (chains may contain 1 or more oxygens); by their physiol. compatible salts and to a method for producing the same. Thus, (+)-cis-oxacole II was prepared from cyclohexane-1,3-diol via o-alkylation with 4-(Iodomethyl)-2-(4-fluorophenyl)cxacole, separation of cis/trans isomers, HPLC resolution of cis

isomers, and finally slkylation of the (-)-cis isomer with Me
2-(bromomethyl)-6-methylbenzoste. The compds. have lipid and/or
triglyceride reducing properties and are suitable e.g. for treating lipid
metabolic disorders, type II diabetes and syndrome X. The bioactivity of
II was determined [EC50 = 0.3 nM vs. PPARe].
501362-33-0P 501362-35-2P 501362-36-3P
501362-33-5P 501362-39-6P
RI: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

ΙT

(preparation and PPAR activating activity of: preparation of oxazole

yl
cycloalkyl derivs. and the use thereof as PPAR activators)
501362-33-0 CAPLUS
Benzoic acid, 2-[[[3-{[2-(4-fluorophenyl)-4-oxazolyl]methoxy]methyl]cyclo
hexyl]methoxy]methyl]-6-methyl- (9CI) (CA INDEX NAME)

L12 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

1

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 501362-35-2 CAPLUS
CN Benzoic acid, 2-[[[(1R, 3S)-3-{[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl}methoxy]methyl}-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-36-3 CAPLUS
Benzoic acid, 2-[[(1R,3S)-3-[[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl]methoxy]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-38-5 CAPLUS
Benzoic acid, 2-[2-[(1R,3R)-3-[[2-(4-fluorophenyl)-4-oxazolyl]methoxy]cyclohexyl]ethyl]-6-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

501362-39-6 CAPLUS
Benzoic acid, 2-[2-[(1R,3S)-3-[[2-(4-fluorophenyl)-4oxazolyl]methoxyjcyclohexyl]ethyl]-6-methyl-, rel- (9CI) (CA INDEX NAME) Relative stereochemistry.